

Appendix for WCDMA B2& WCDMA B4& WCDMA B5

Product Name: Smart Phone

Model No: Neo

AppendixA: Average Power Output Data

Test Result

WCDMA

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	20.44	33.01	PASS
Band2	9400	20.04	33.01	PASS
Band2	9538	19.66	33.01	PASS
Band4	1312	20.32	30.00	PASS
Band4	1413	20.10	30.00	PASS
Band4	1513	20.39	30.00	PASS
Band5	4132	20.73	38.45	PASS
Band5	4182	20.76	38.45	PASS
Band5	4233	20.83	38.45	PASS

HSDPA

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	19.11	33.01	PASS
Band2	9400	1	18.69	33.01	PASS
Band2	9538	1	18.36	33.01	PASS
Band2	9262	2	18.55	33.01	PASS
Band2	9400	2	18.22	33.01	PASS
Band2	9538	2	17.93	33.01	PASS
Band2	9262	3	18.62	33.01	PASS
Band2	9400	3	18.30	33.01	PASS
Band2	9538	3	17.94	33.01	PASS
Band2	9262	4	18.63	33.01	PASS
Band2	9400	4	18.24	33.01	PASS
Band2	9538	4	17.93	33.01	PASS
Band4	1312	1	19.36	30.00	PASS
Band4	1413	1	19.18	30.00	PASS
Band4	1513	1	19.39	30.00	PASS
Band4	1312	2	18.87	30.00	PASS
Band4	1413	2	18.62	30.00	PASS
Band4	1513	2	18.93	30.00	PASS
Band4	1312	3	18.90	30.00	PASS
Band4	1413	3	18.71	30.00	PASS
Band4	1513	3	18.97	30.00	PASS
Band4	1312	4	18.91	30.00	PASS
Band4	1413	4	18.73	30.00	PASS
Band4	1513	4	18.98	30.00	PASS

Band5	4132	1	19.68	38.5	PASS
Band5	4182	1	19.91	38.5	PASS
Band5	4233	1	19.89	38.5	PASS
Band5	4132	2	19.32	38.5	PASS
Band5	4182	2	19.27	38.5	PASS
Band5	4233	2	19.51	38.5	PASS
Band5	4132	3	19.29	38.5	PASS
Band5	4182	3	19.37	38.5	PASS
Band5	4233	3	19.52	38.5	PASS
Band5	4132	4	19.20	38.5	PASS
Band5	4182	4	19.35	38.5	PASS
Band5	4233	4	19.42	38.5	PASS

HSUPA

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	17.30	33.01	PASS
Band2	9400	1	16.91	33.01	PASS
Band2	9538	1	16.59	33.01	PASS
Band2	9262	2	17.73	33.01	PASS
Band2	9400	2	17.50	33.01	PASS
Band2	9538	2	17.18	33.01	PASS
Band2	9262	3	18.27	33.01	PASS
Band2	9400	3	18.03	33.01	PASS
Band2	9538	3	17.71	33.01	PASS
Band2	9262	4	16.79	33.01	PASS
Band2	9400	4	16.50	33.01	PASS
Band2	9538	4	16.18	33.01	PASS
Band2	9262	5	19.42	33.01	PASS
Band2	9400	5	18.96	33.01	PASS
Band2	9538	5	18.77	33.01	PASS
Band4	1312	1	17.38	30.00	PASS
Band4	1413	1	17.33	30.00	PASS
Band4	1513	1	17.55	30.00	PASS
Band4	1312	2	17.91	30.00	PASS
Band4	1413	2	17.85	30.00	PASS
Band4	1513	2	18.10	30.00	PASS
Band4	1312	3	18.43	30.00	PASS
Band4	1413	3	18.26	30.00	PASS
Band4	1513	3	18.62	30.00	PASS
Band4	1312	4	16.93	30.00	PASS
Band4	1413	4	16.87	30.00	PASS
Band4	1513	4	17.24	30.00	PASS

Band4	1312	5	19.58	30.00	PASS
Band4	1413	5	19.38	30.00	PASS
Band4	1513	5	19.67	30.00	PASS
Band5	4132	1	17.74	38.5	PASS
Band5	4182	1	17.90	38.5	PASS
Band5	4233	1	18.05	38.5	PASS
Band5	4132	2	18.43	38.5	PASS
Band5	4182	2	18.41	38.5	PASS
Band5	4233	2	18.57	38.5	PASS
Band5	4132	3	18.81	38.5	PASS
Band5	4182	3	18.94	38.5	PASS
Band5	4233	3	19.09	38.5	PASS
Band5	4132	4	17.37	38.5	PASS
Band5	4182	4	17.48	38.5	PASS
Band5	4233	4	17.63	38.5	PASS
Band5	4132	5	19.95	38.5	PASS
Band5	4182	5	19.92	38.5	PASS
Band5	4233	5	20.15	38.5	PASS

AppendixB:Peak-to-Average Ratio

Test Result

WCDMA

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.13	13	PASS
Band2	9400	3.07	13	PASS
Band2	9538	3.07	13	PASS
Band4	1312	3.28	13	PASS
Band4	1413	3.19	13	PASS
Band4	1513	3.16	13	PASS
Band5	4132	3.19	13	PASS
Band5	4182	3.16	13	PASS
Band5	4233	3.22	13	PASS

HSDPA

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	3.25	13	PASS
Band2	9400	1	3.22	13	PASS
Band2	9538	1	3.25	13	PASS
Band2	9262	2	3.45	13	PASS
Band2	9400	2	3.42	13	PASS
Band2	9538	2	3.45	13	PASS
Band2	9262	3	3.65	13	PASS
Band2	9400	3	3.62	13	PASS
Band2	9538	3	3.65	13	PASS
Band2	9262	4	3.71	13	PASS
Band2	9400	4	3.65	13	PASS
Band2	9538	4	3.71	13	PASS
Band4	1312	1	3.28	13	PASS
Band4	1413	1	3.28	13	PASS
Band4	1513	1	3.28	13	PASS
Band4	1312	2	3.51	13	PASS
Band4	1413	2	3.48	13	PASS
Band4	1513	2	3.48	13	PASS
Band4	1312	3	3.68	13	PASS
Band4	1413	3	3.65	13	PASS
Band4	1513	3	3.65	13	PASS
Band4	1312	4	3.74	13	PASS
Band4	1413	4	3.71	13	PASS
Band4	1513	4	3.71	13	PASS

Band5	4132	1	3.28	13	PASS
Band5	4182	1	3.28	13	PASS
Band5	4233	1	3.25	13	PASS
Band5	4132	2	3.48	13	PASS
Band5	4182	2	3.86	13	PASS
Band5	4233	2	3.48	13	PASS
Band5	4132	3	3.68	13	PASS
Band5	4182	3	4.03	13	PASS
Band5	4233	3	3.68	13	PASS
Band5	4132	4	3.77	13	PASS
Band5	4182	4	3.86	13	PASS
Band5	4233	4	3.71	13	PASS

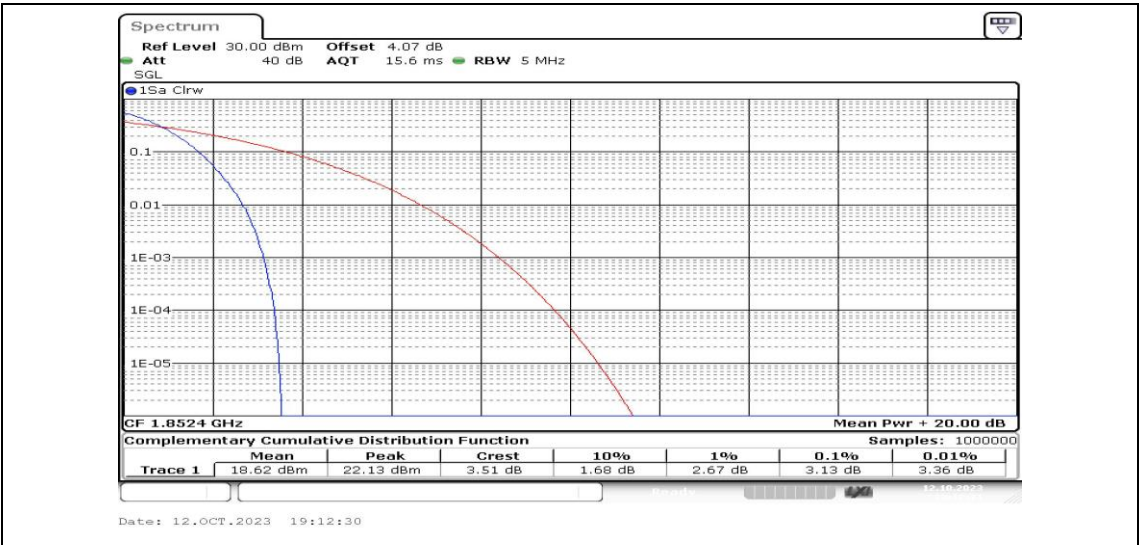
HSUPA

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.43	13	PASS
Band2	9400	1	4.35	13	PASS
Band2	9538	1	4.35	13	PASS
Band2	9262	2	5.54	13	PASS
Band2	9400	2	5.45	13	PASS
Band2	9538	2	5.48	13	PASS
Band2	9262	3	5.1	13	PASS
Band2	9400	3	5.01	13	PASS
Band2	9538	3	5.07	13	PASS
Band2	9262	4	5.62	13	PASS
Band2	9400	4	5.54	13	PASS
Band2	9538	4	5.57	13	PASS
Band2	9262	5	4.32	13	PASS
Band2	9400	5	4.23	13	PASS
Band2	9538	5	4.26	13	PASS
Band4	1312	1	4.55	13	PASS
Band4	1413	1	4.43	13	PASS
Band4	1513	1	4.43	13	PASS
Band4	1312	2	5.57	13	PASS
Band4	1413	2	5.54	13	PASS
Band4	1513	2	5.54	13	PASS
Band4	1312	3	5.13	13	PASS
Band4	1413	3	5.1	13	PASS
Band4	1513	3	5.13	13	PASS
Band4	1312	4	5.68	13	PASS
Band4	1413	4	5.62	13	PASS
Band4	1513	4	5.62	13	PASS

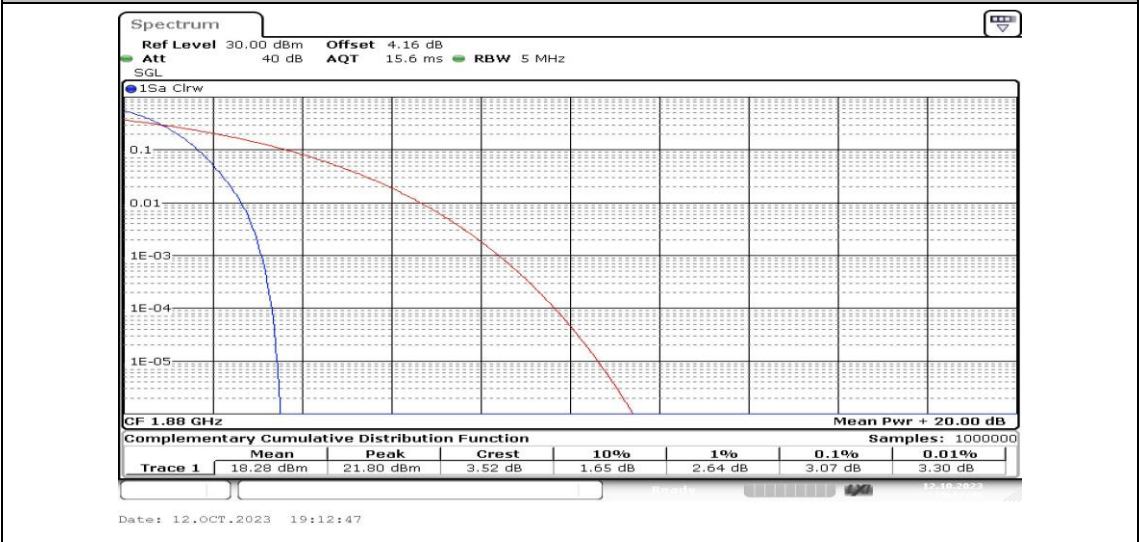
Band4	1312	5	4.35	13	PASS
Band4	1413	5	4.32	13	PASS
Band4	1513	5	4.29	13	PASS
Band5	4132	1	4.46	13	PASS
Band5	4182	1	4.46	13	PASS
Band5	4233	1	4.46	13	PASS
Band5	4132	2	5.54	13	PASS
Band5	4182	2	5.48	13	PASS
Band5	4233	2	5.48	13	PASS
Band5	4132	3	5.1	13	PASS
Band5	4182	3	5.04	13	PASS
Band5	4233	3	5.07	13	PASS
Band5	4132	4	5.65	13	PASS
Band5	4182	4	5.59	13	PASS
Band5	4233	4	5.71	13	PASS
Band5	4132	5	4.29	13	PASS
Band5	4182	5	4.23	13	PASS
Band5	4233	5	4.26	13	PASS

Test Graphs

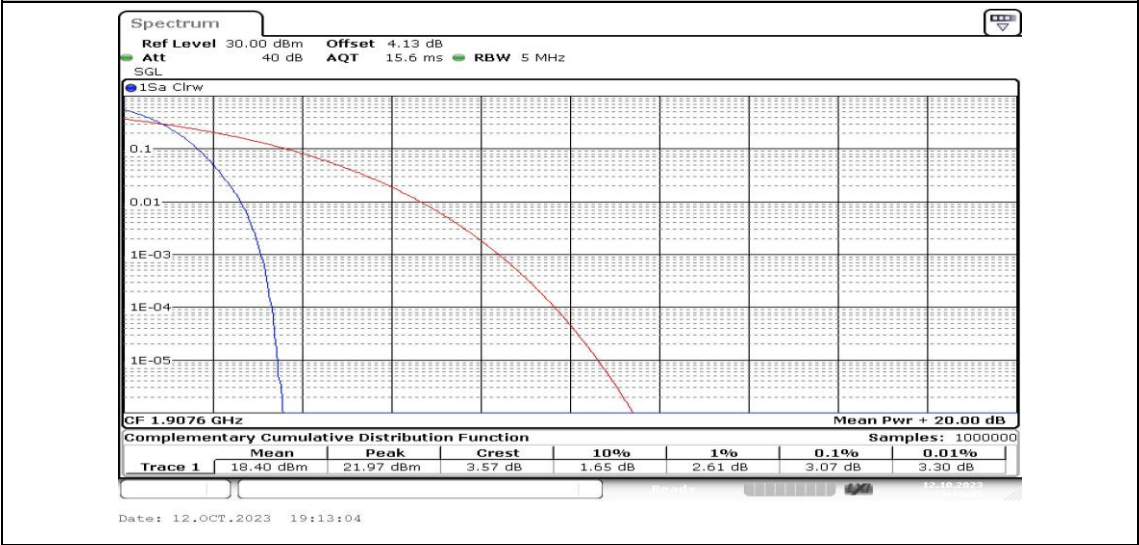
WCDMA

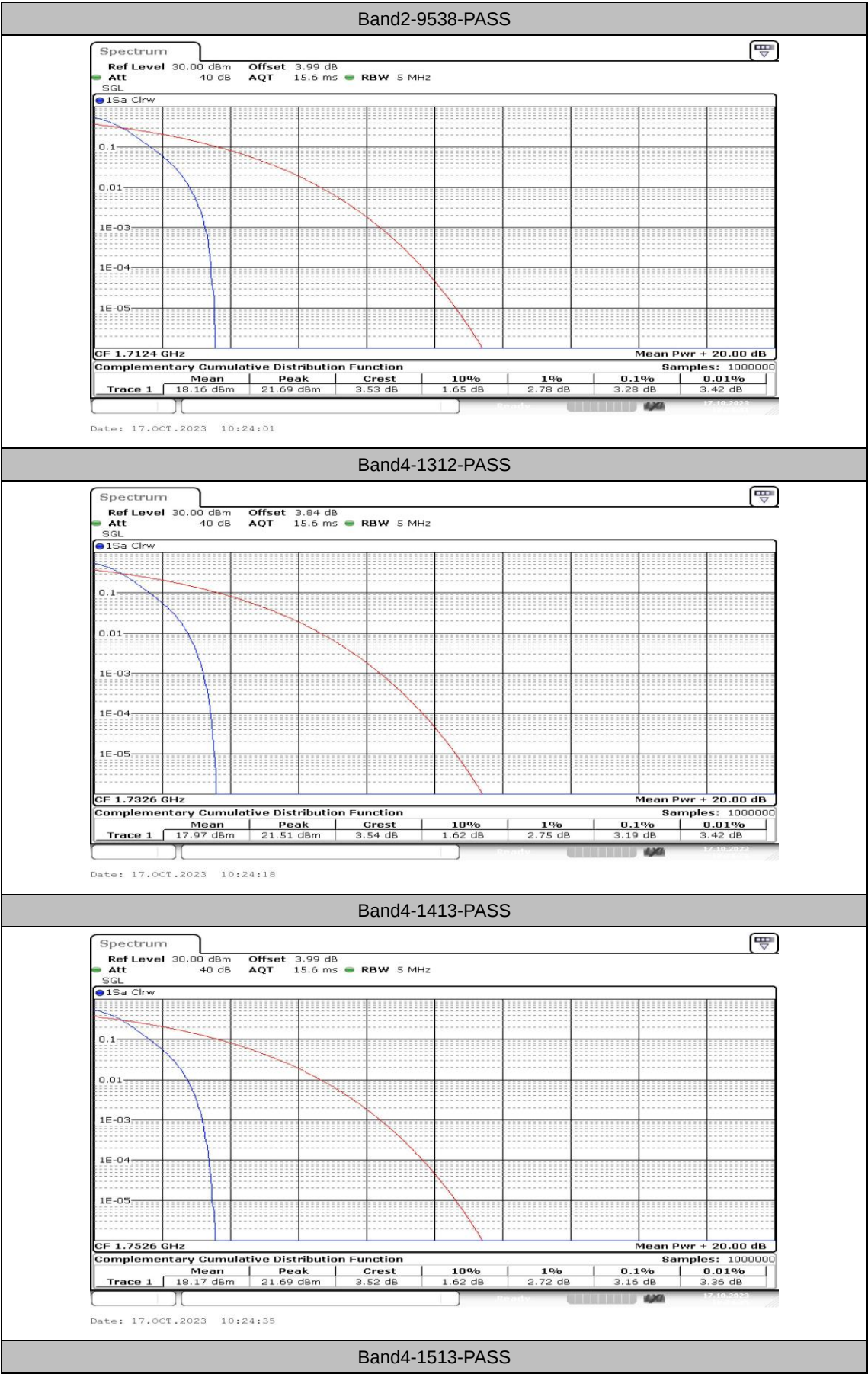


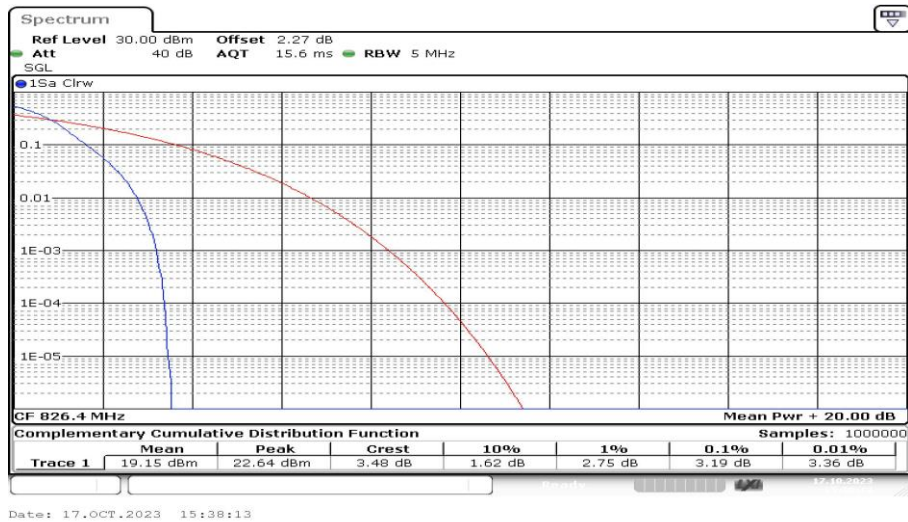
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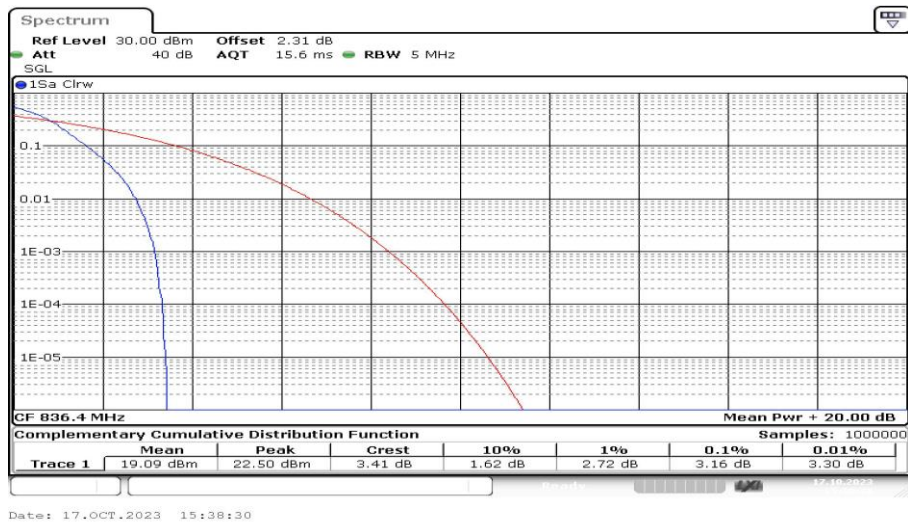
Band2-9400-PASS







Band5-4132-PASS

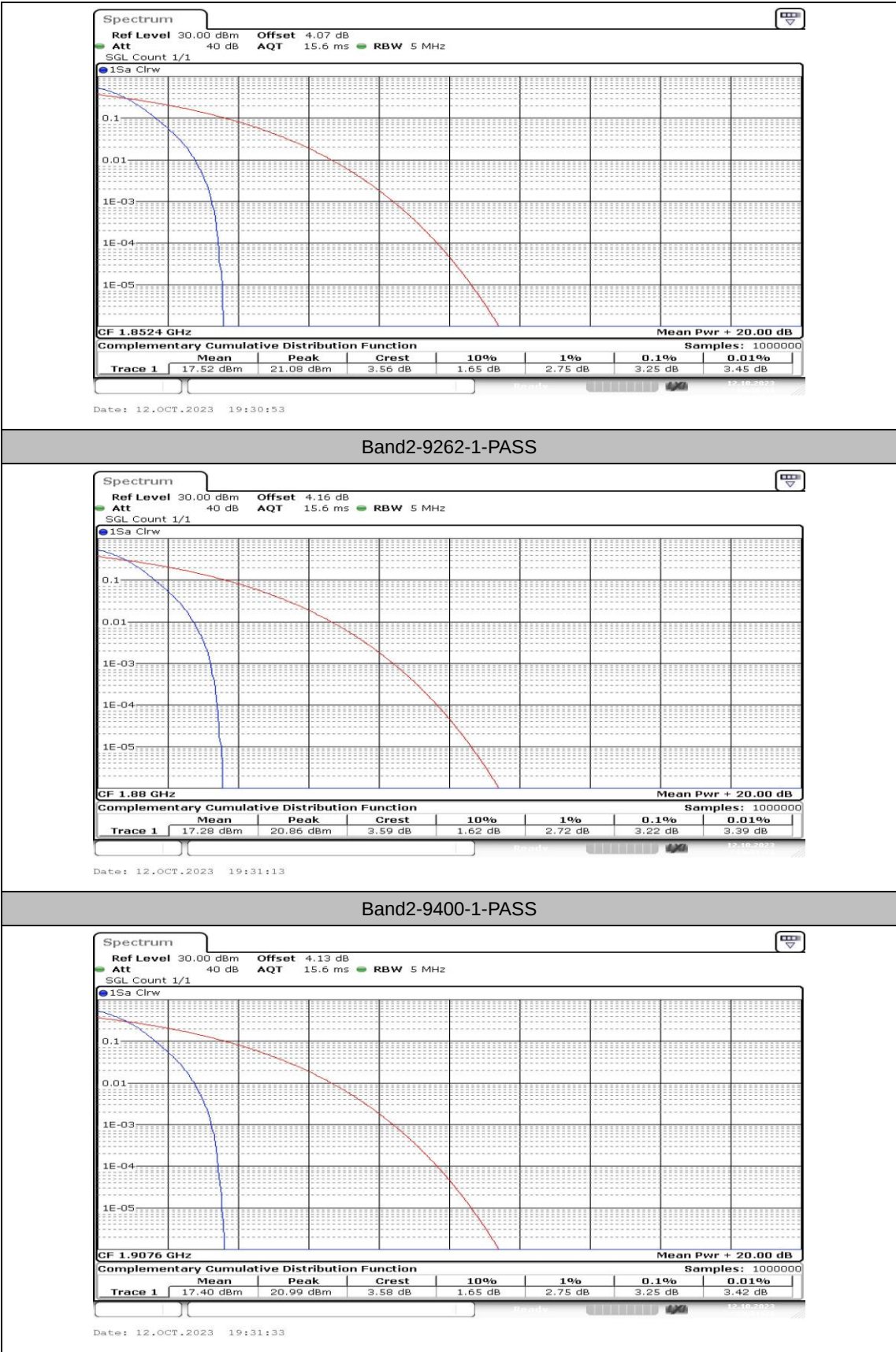


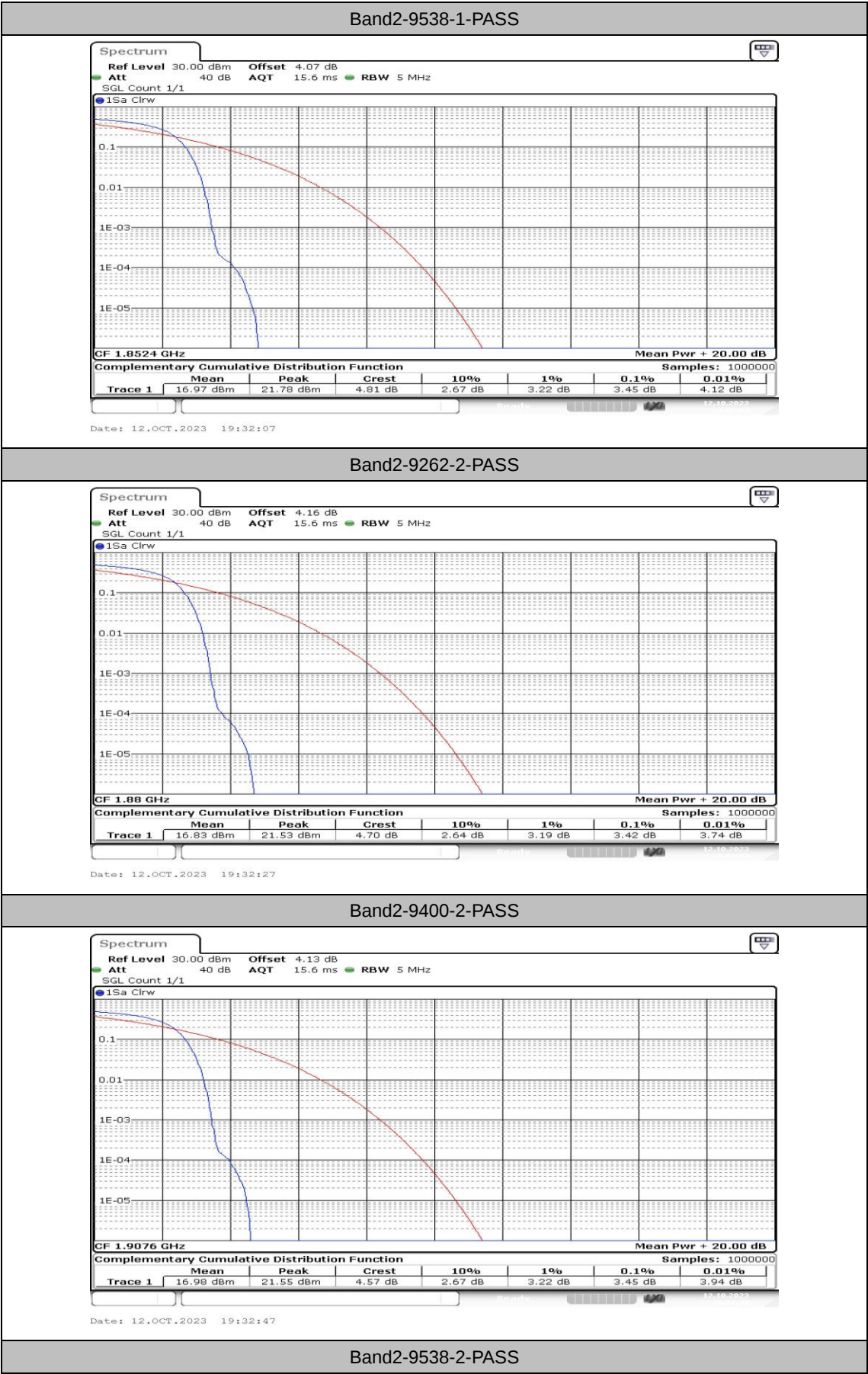
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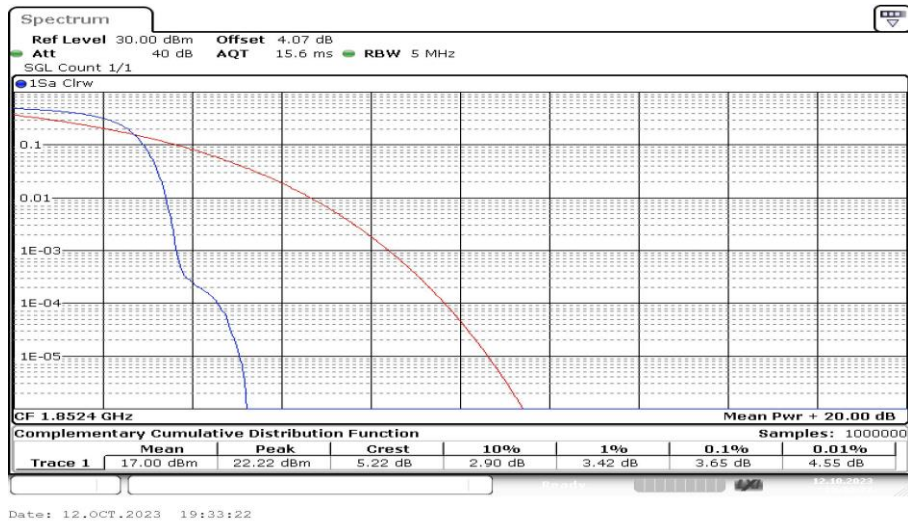


Band5-4233-PASS

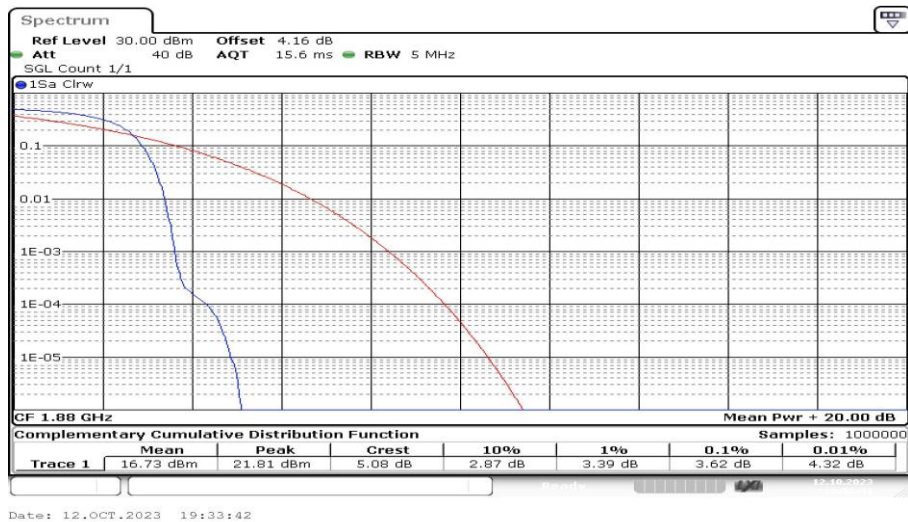
HSDPA



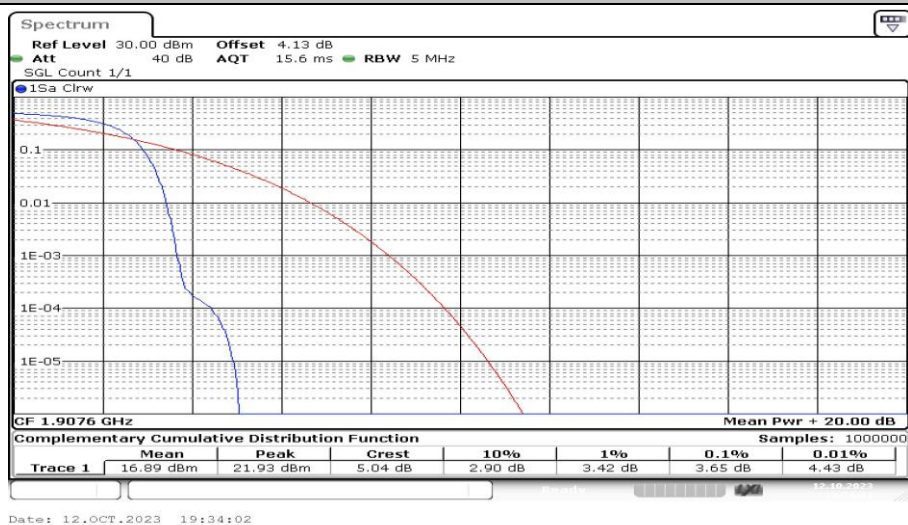




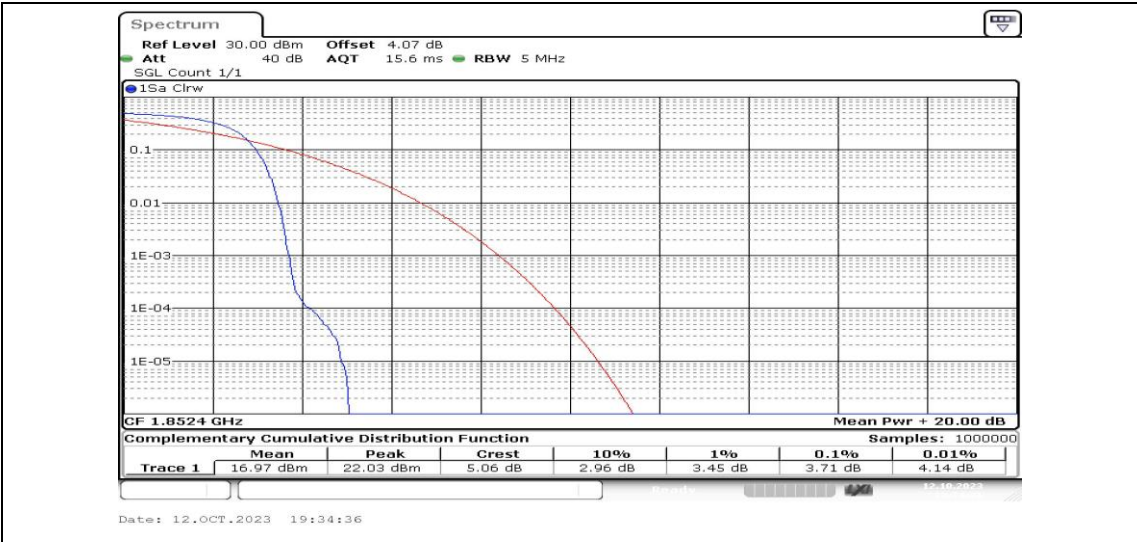
Band2-9262-3-PASS



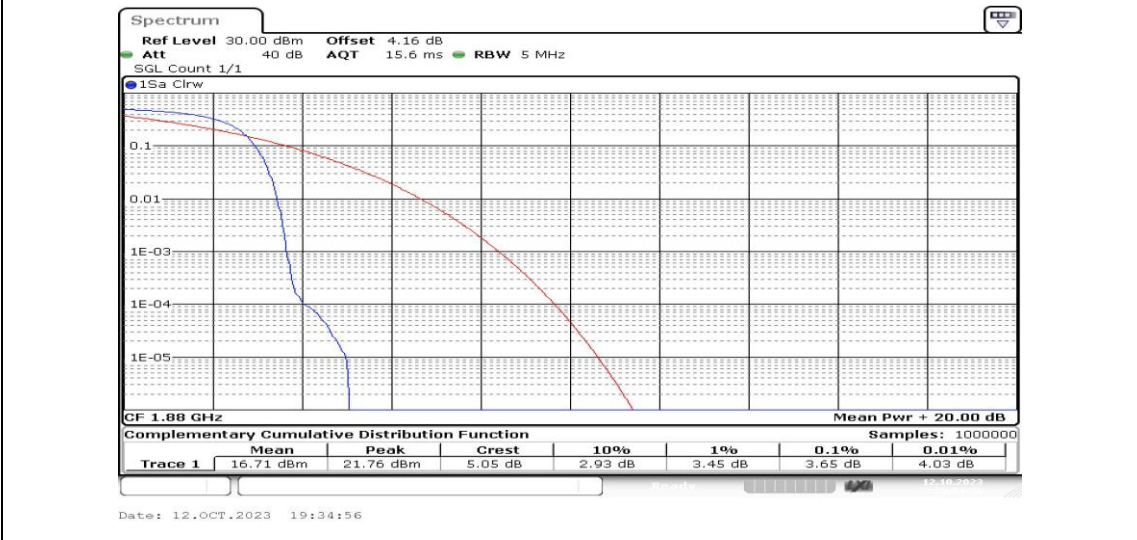
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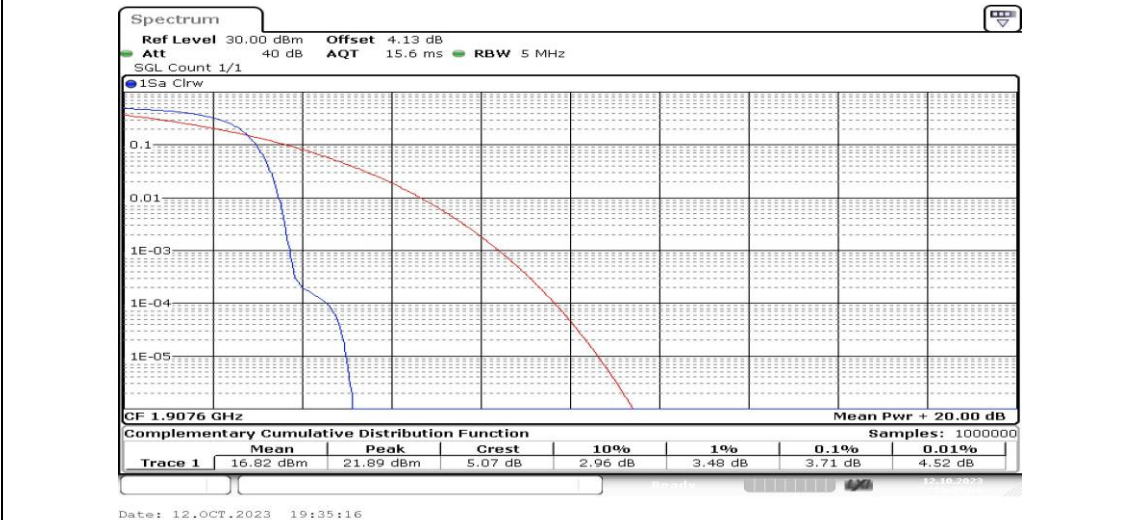
Band2-9538-3-PASS



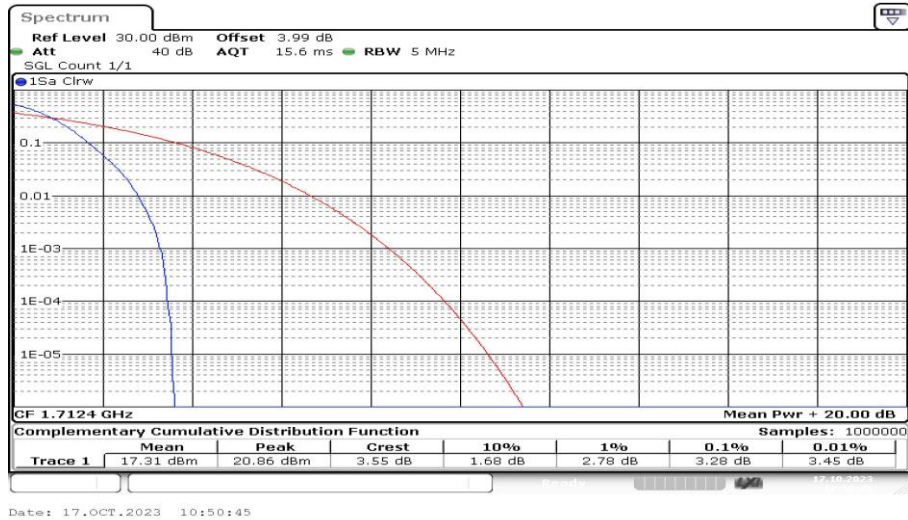
Band2-9262-4-PASS



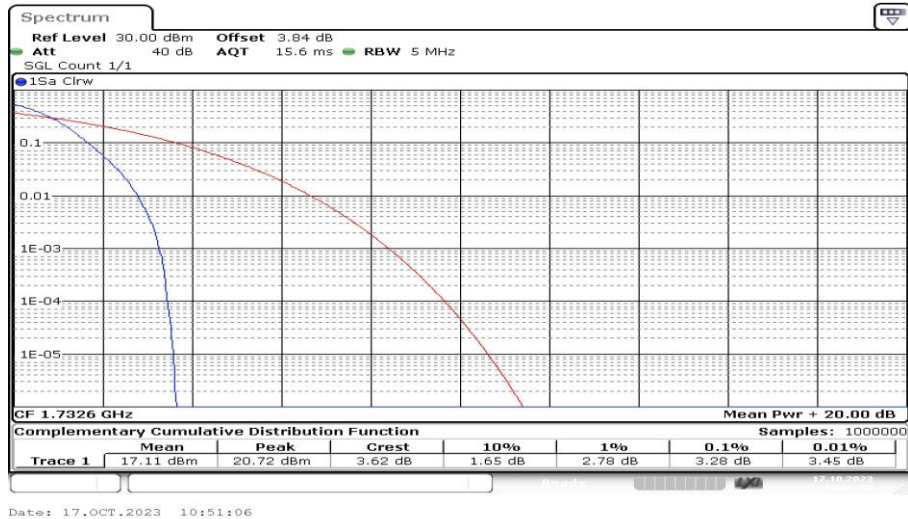
Band2-9400-4-PASS



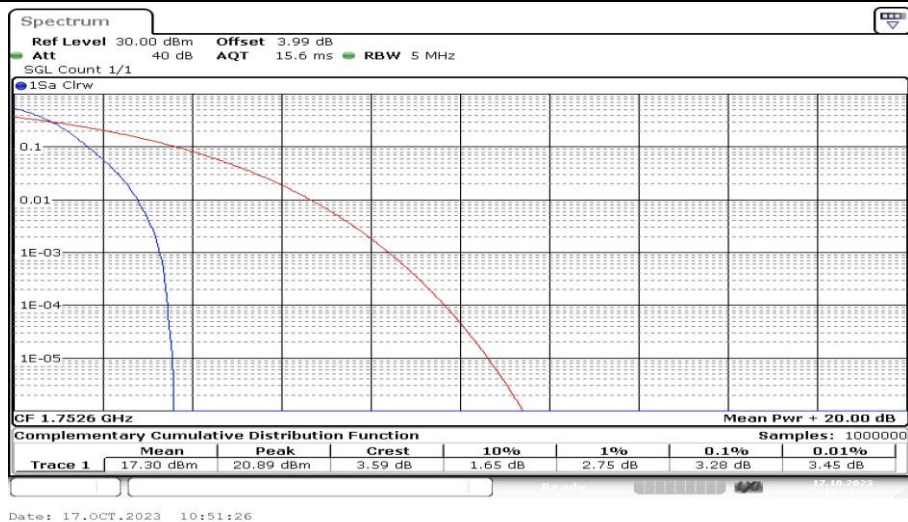
Band2-9538-4-PASS



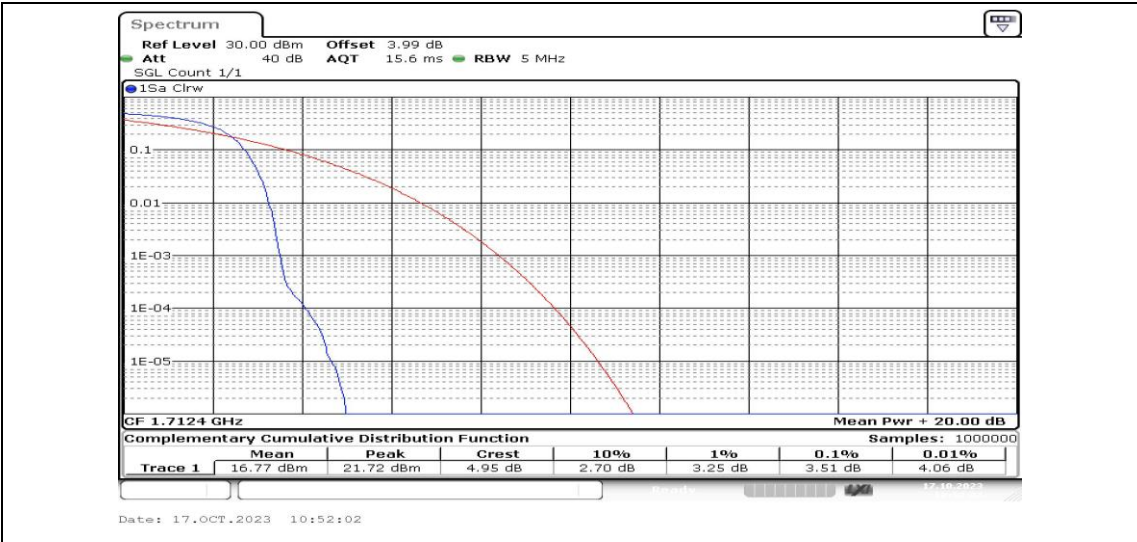
Band4-1312-1-PASS



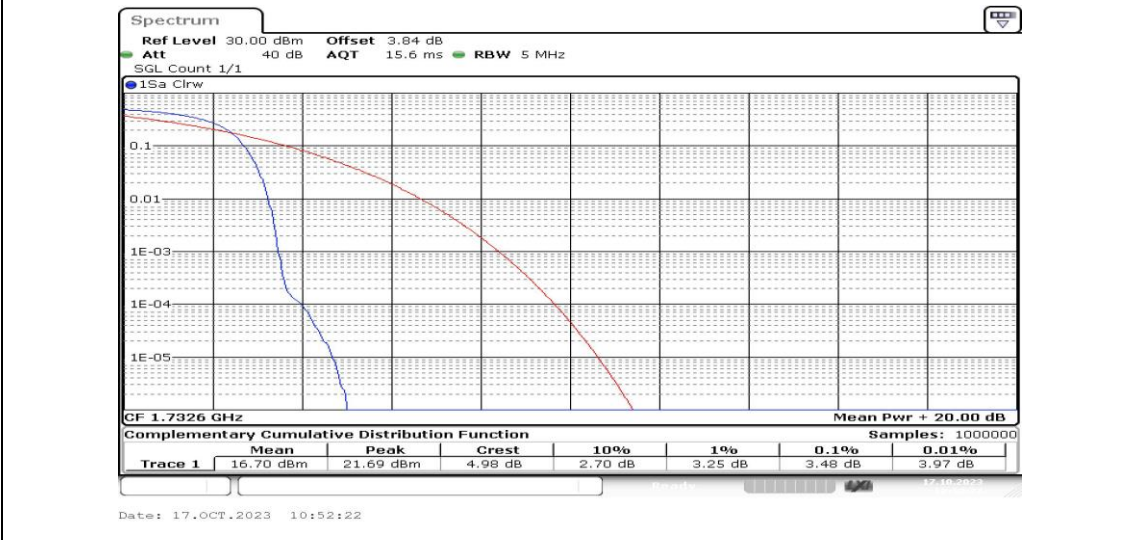
Band4-1413-1-PASS



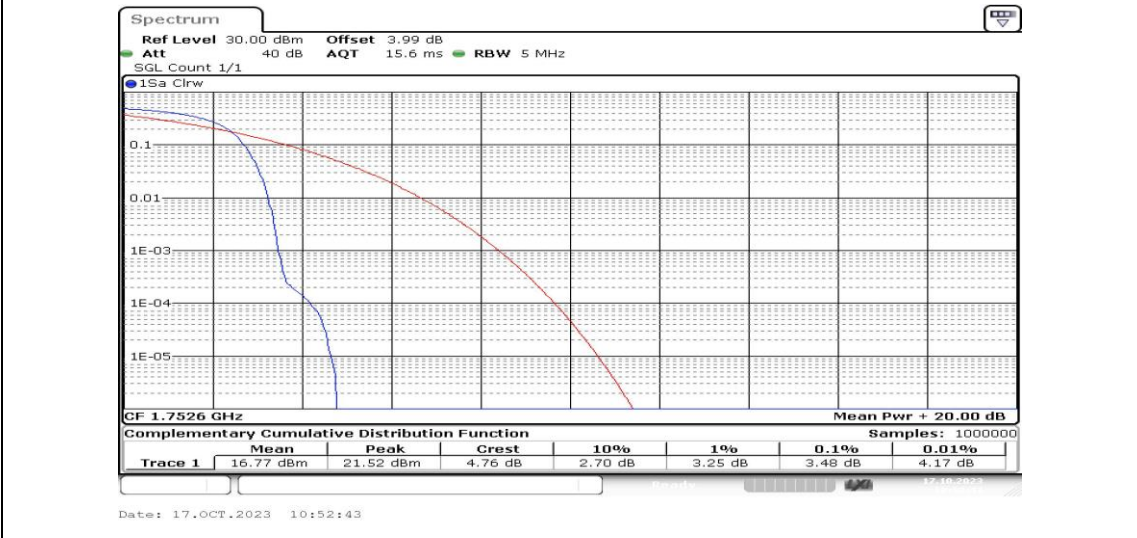
Band4-1513-1-PASS



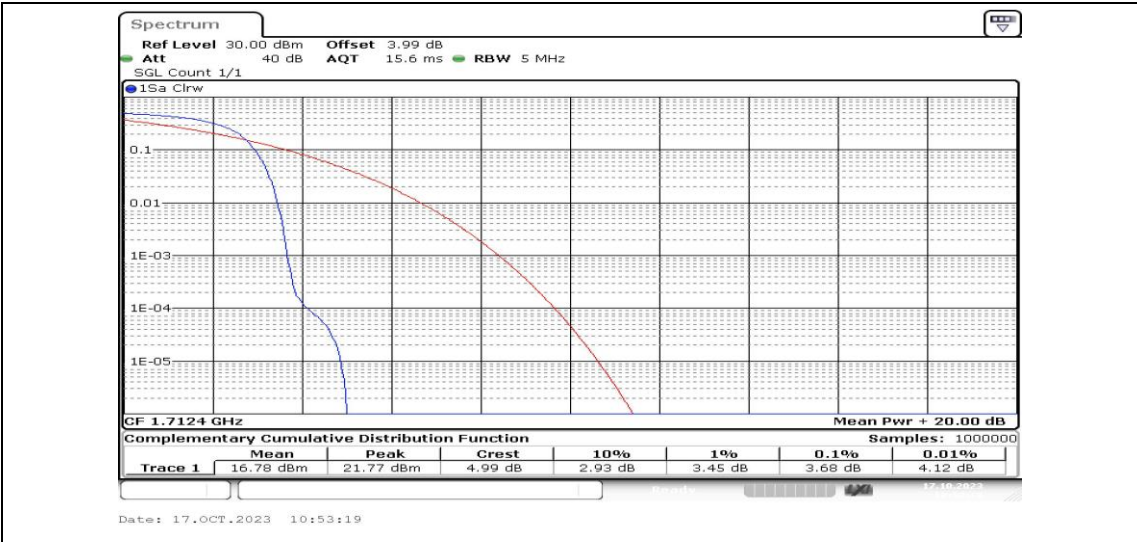
Band4-1312-2-PASS



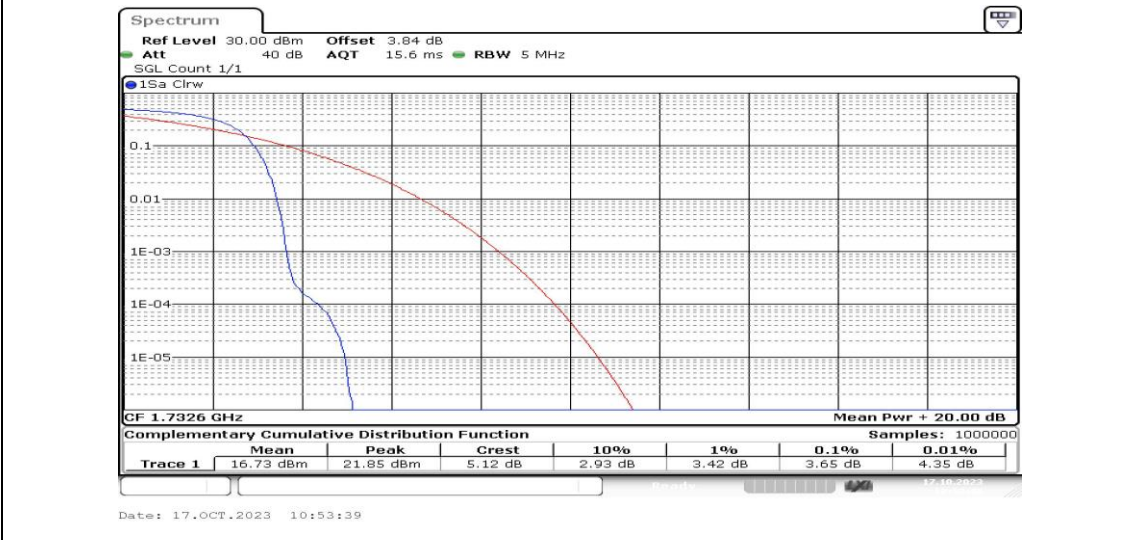
Band4-1413-2-PASS



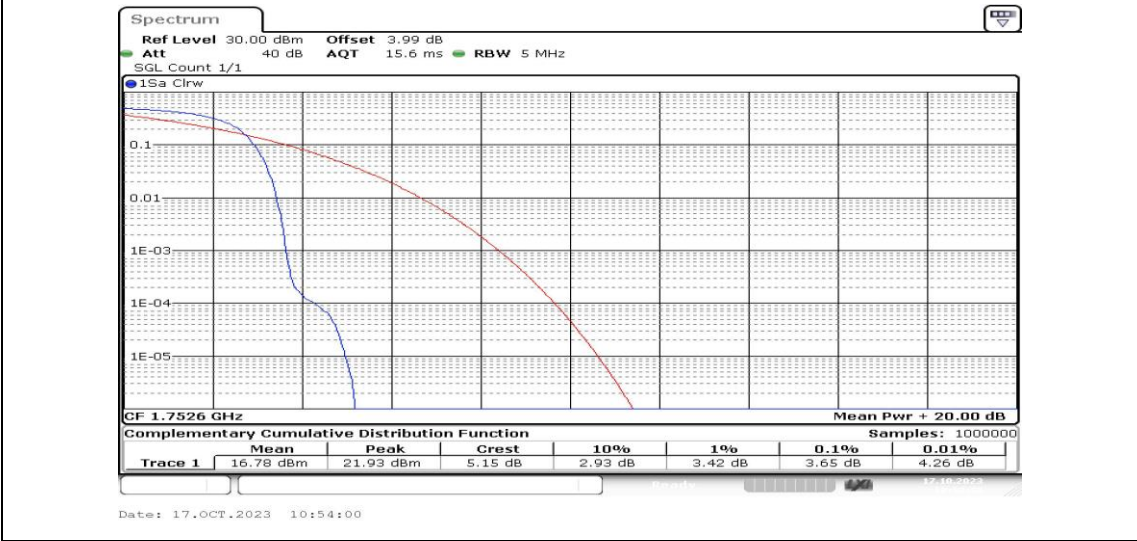
Band4-1513-2-PASS



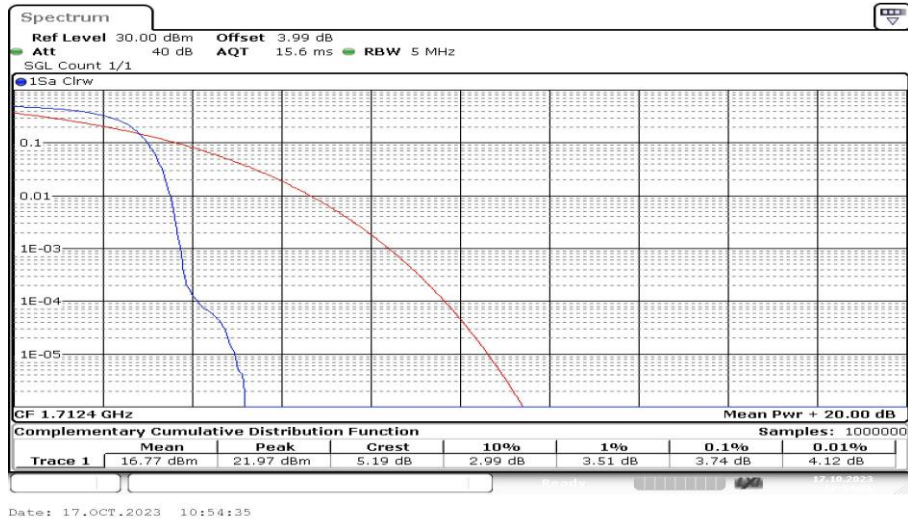
Band4-1312-3-PASS



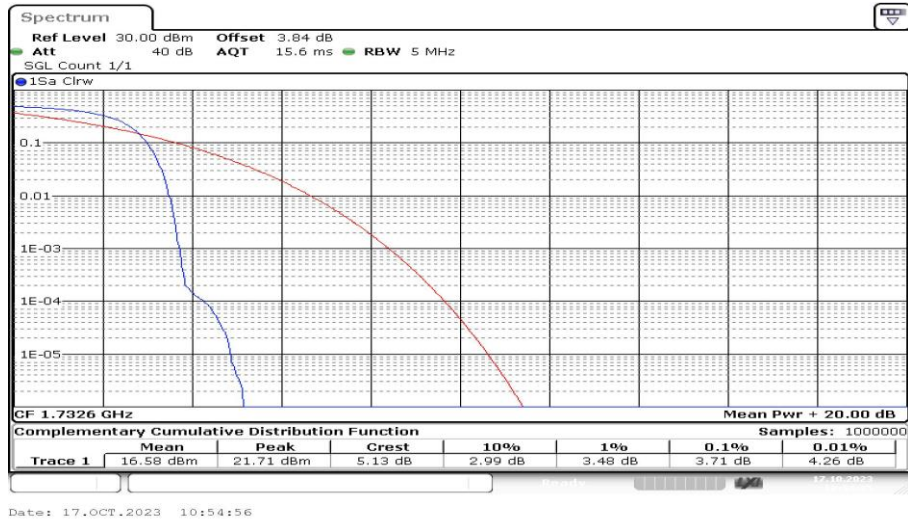
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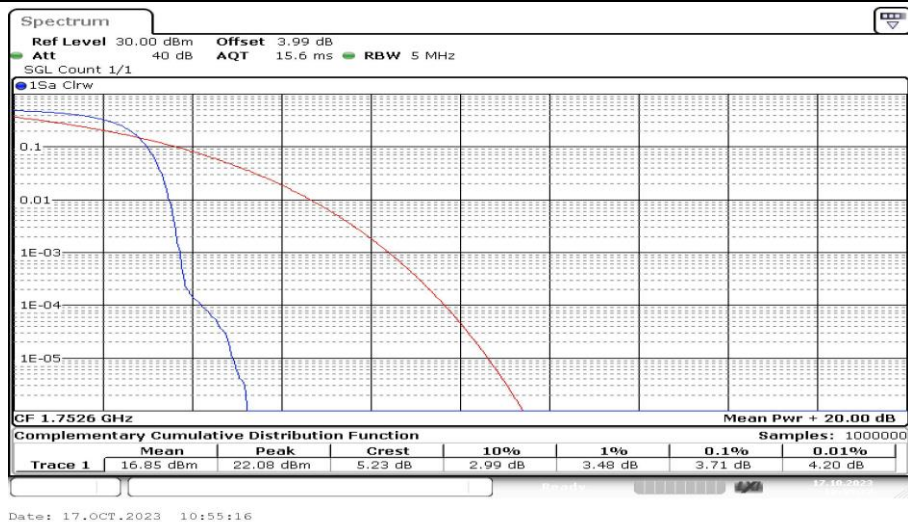
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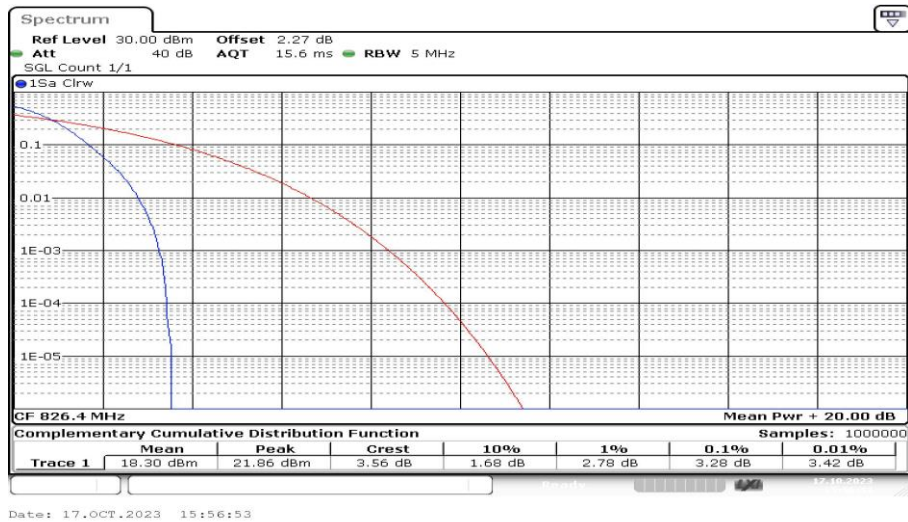
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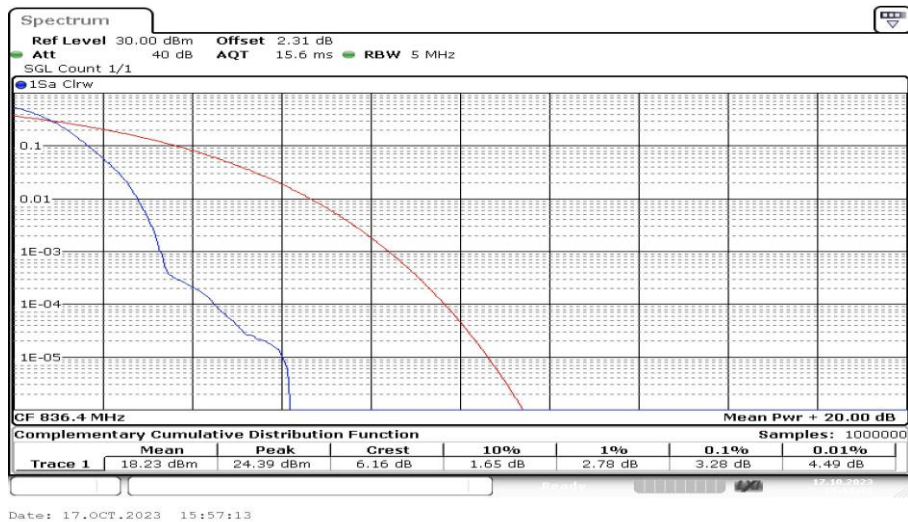
Band4-1413-4-PASS



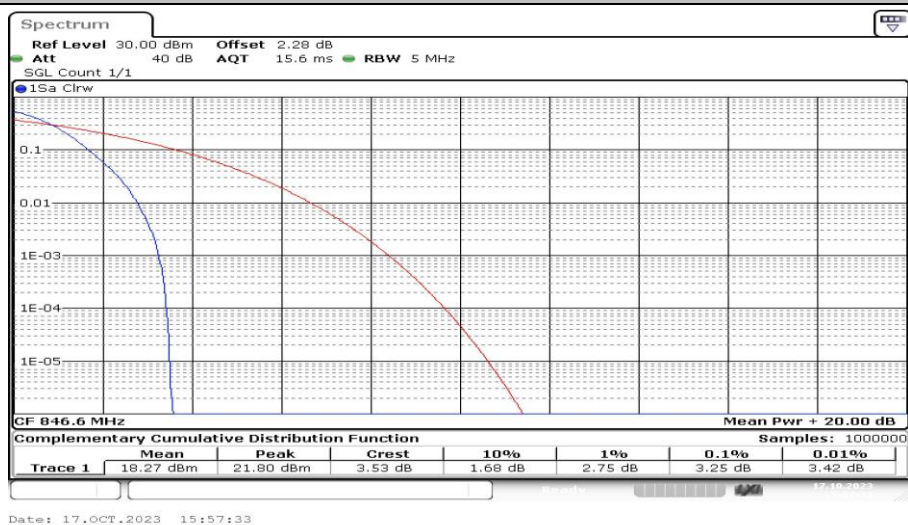
Band4-1513-4-PASS



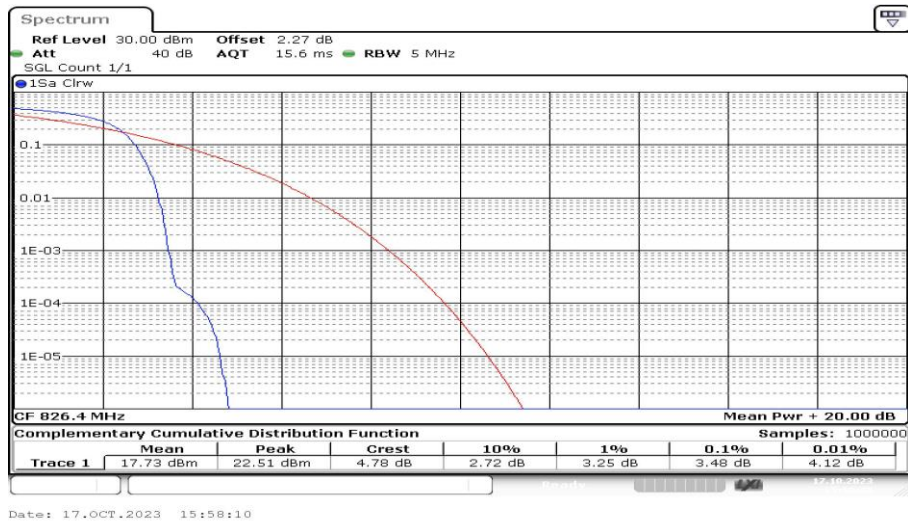
Band5-4132-1-PASS



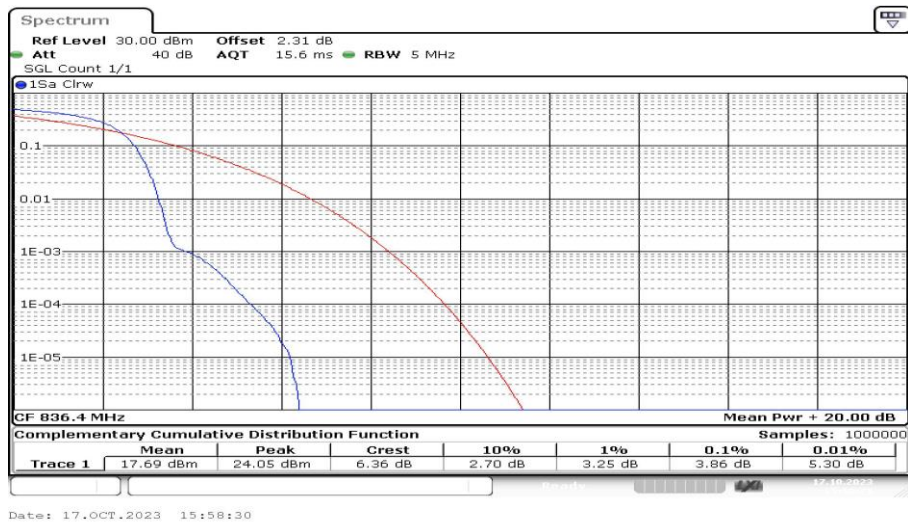
Band5-4182-1-PASS



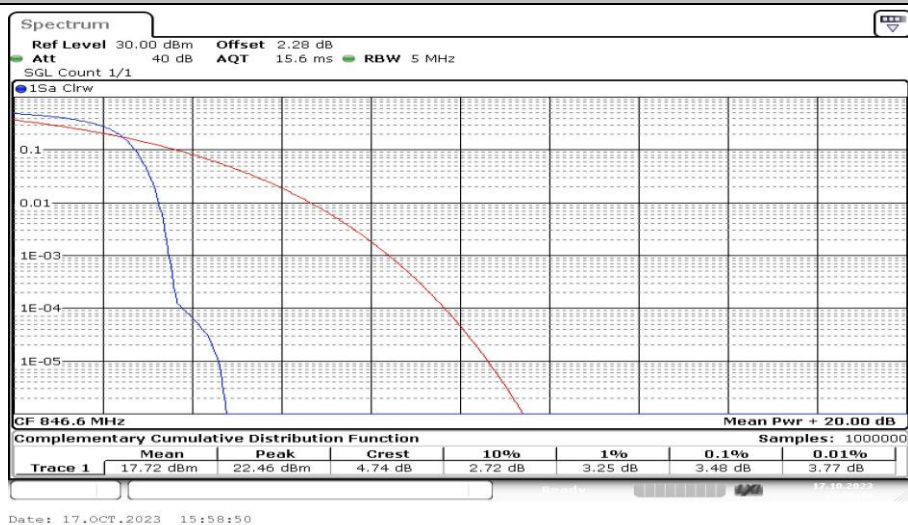
Band5-4233-1-PASS



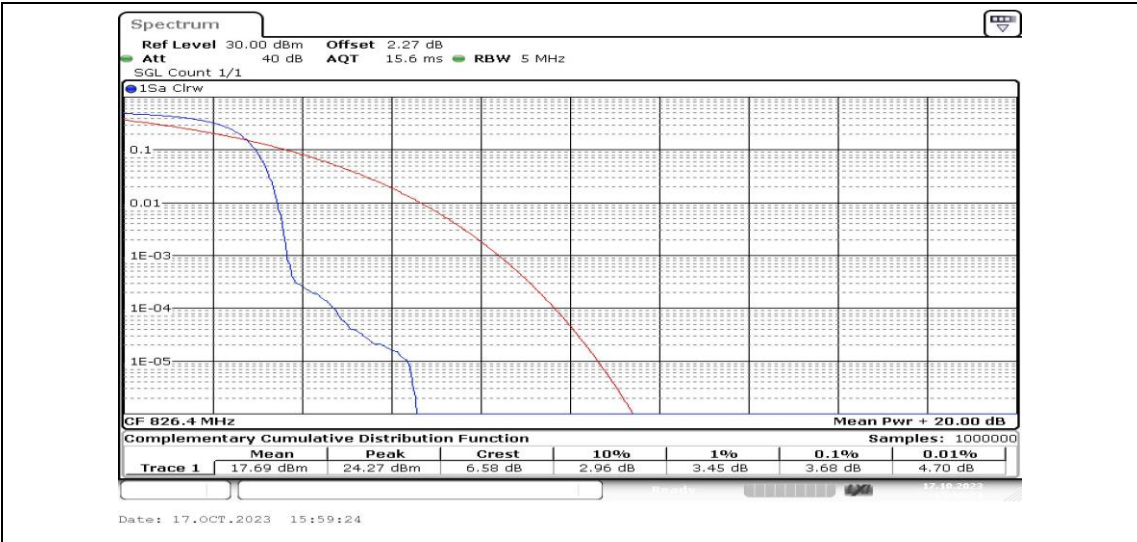
Band5-4132-2-PASS



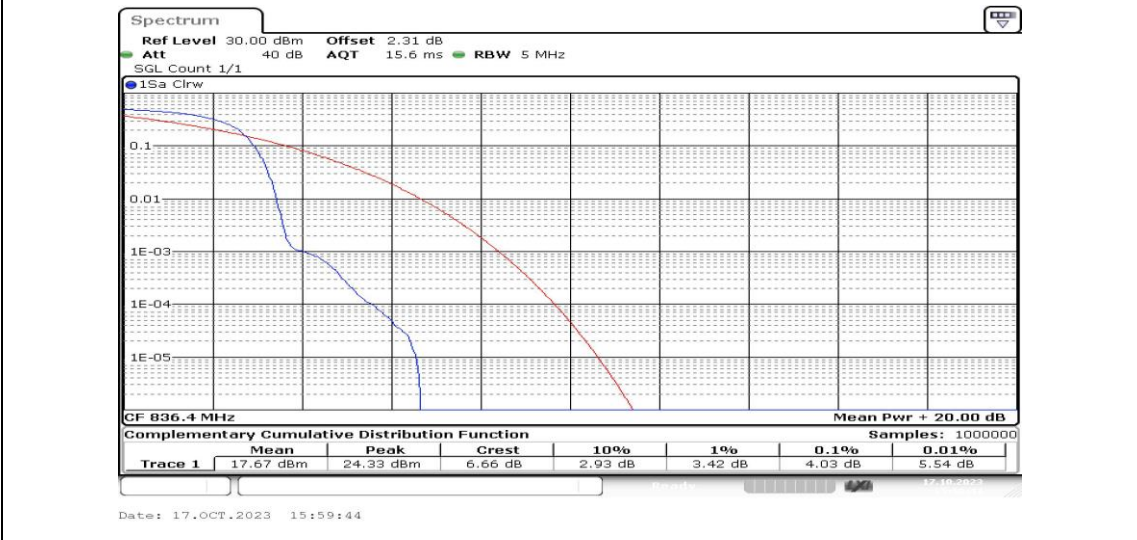
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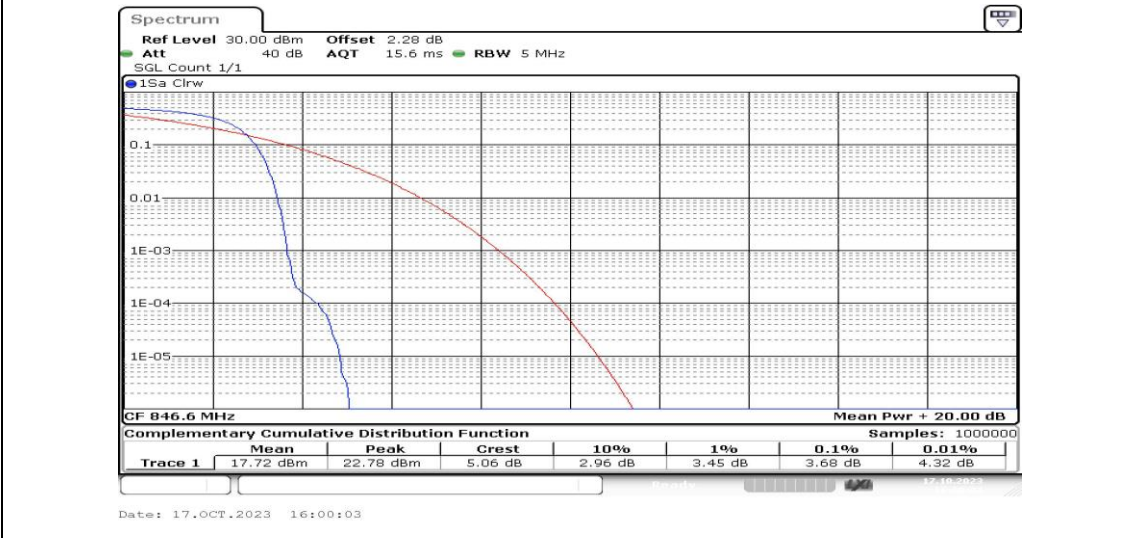
Band5-4233-2-PASS



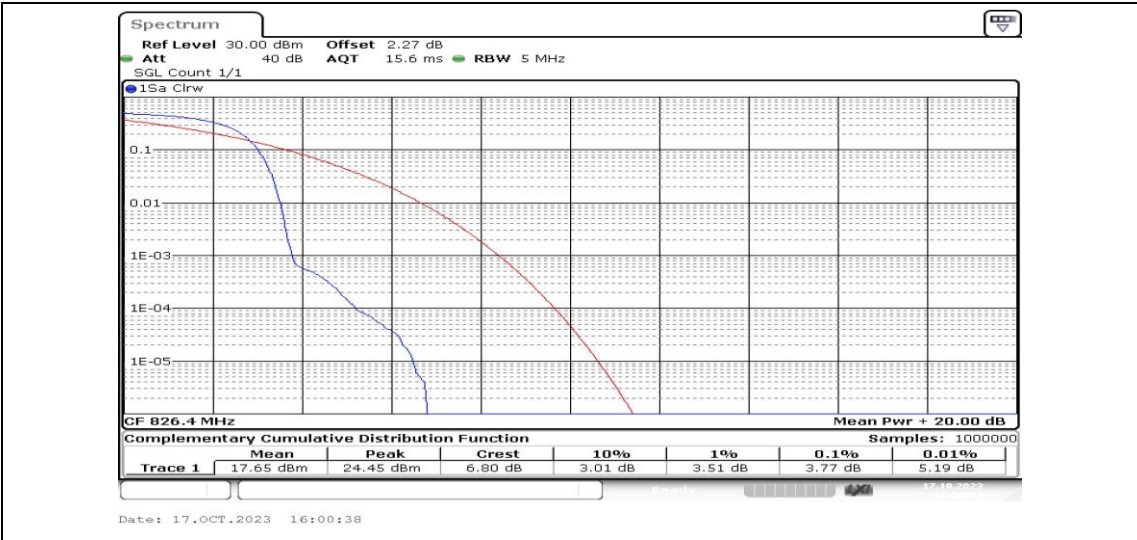
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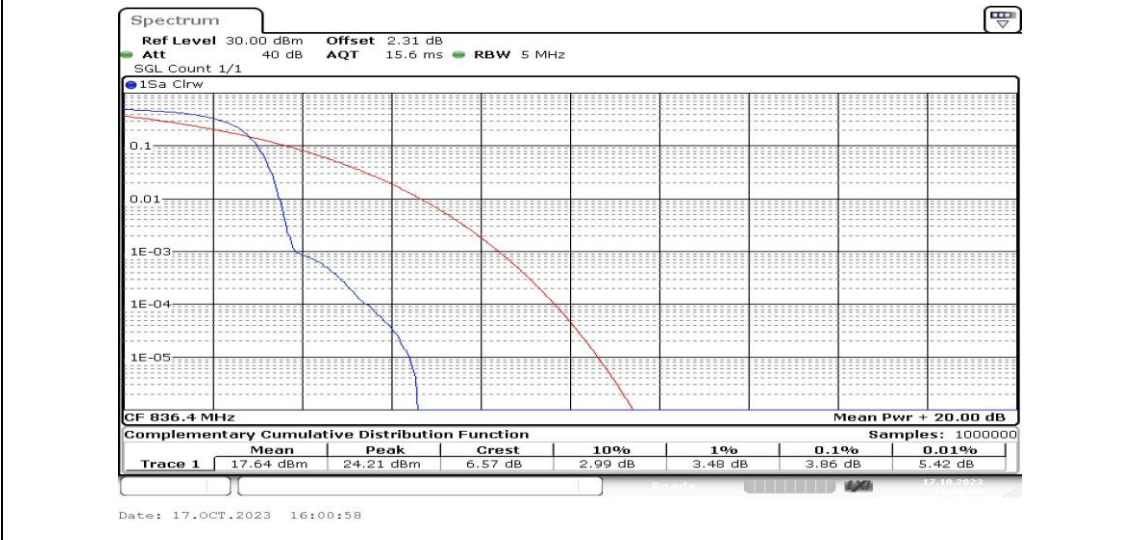
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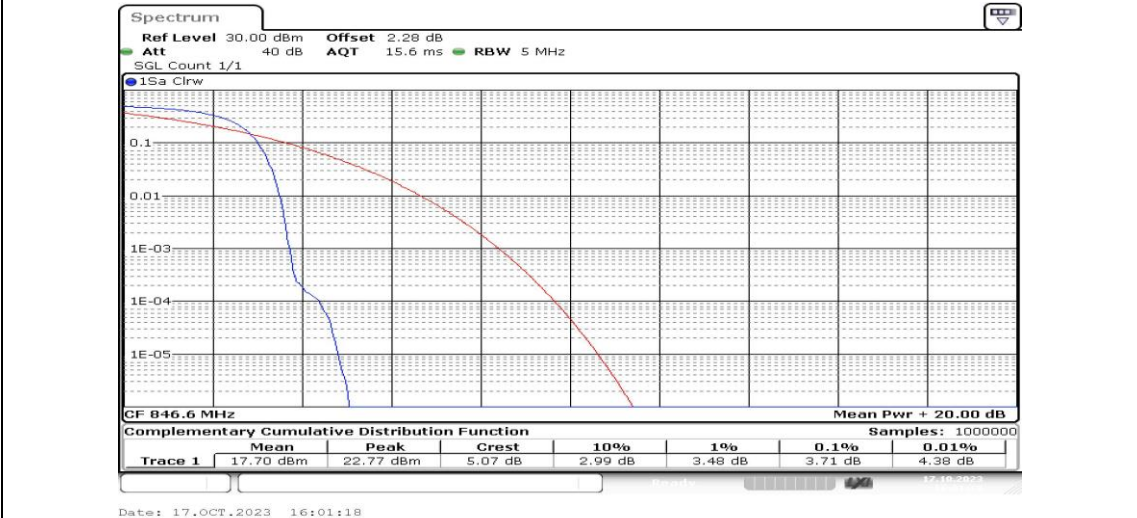
Band5-4233-3-PASS



Band5-4132-4-PASS



Band5-4182-4-PASS



Band5-4233-4-PASS